BRUHAT BANGALORE MAHANAGARA PALIKE

COMPARATIVE STATEMENT PWD FORM - 45 (WORK SLIP)

Name of Work: Providing Water Supply in Ward No. 08.

Name of Agency: Shalini Sampangi D/o Sampangi, Shree Vidya Public School, Govindapura, near Water tank, Govindapura, Bangalore - 45.

Estimated Cost: 10,00,000.00

Tender Amount : Rs. 9,24,315.92 Lakhs

Work Order No. BBMP/EE/BTP/WO/64/20-21 Dated: 30.07.2020.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 & 2019-20+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Labour Charges of lifting of non functioning submersible Pump set along with cable and GI Pipes	No	2,450.00	113.00	276850.00	2450.00	105.54	258573.00	24.00	24.00	105.54	2532.96	0.00	0.00	0.00	2532.96	256040.04		
2	Transportation of pumping machineries,	No	24.00	600.00	14400.00	24.00	560.40	13449.60	24.00	24.00	560.40	13449.60	0.00	0.00	0.00	13449.60	0.00		
3	A) Rewinding of Submersible Pump Sets : 10 HP	No.	4.00	5,048.00	20192.00	4.00	4,714.83	18859.32	4.00	4.00	4714.83	18859.32	0.00	0.00	0.00	18859.32	0.00		
4	7.5 HP	No.	4.00	4,085.00	16340.00	4.00	3,815.39	15261.56	4.00	4.00	3815.39	15261.56	0.00	0.00	0.00	15261.56	0.00		
5	12.5 HP	No.	5.00	6,367.00	31835.00	5.00	5,946.78	29733.90	5.00	5.00	5946.78	29733.90	0.00	0.00	0.00	29733.90	0.00		
6	15.0 HP	No.	5.00	7,248.00	36240.00	5.00	6,769.63	33848.15	5.00	5.00	6769.63	33848.15	0.00	0.00	0.00	33848.15	0.00		
7	B) Replacement of Motor Parts: Pump Bowls	No.	60.00	338.00	20280.00	60.00	315.69	18941.40	60.00	60.00	315.69	18941.40	0.00	0.00	0.00	18941.40	0.00		
8	Intermediate Piece(I.P) With IP Leaded Bronxe bush	No.	10.00	781.00	7810.00	10.00	729.45	7294.50	10.00	10.00	729.45	7294.50	0.00	0.00	0.00	7294.50	0.00		
9	Upper Flange	No.	10.00	361.00	3610.00	10.00	337.17	3371.70	10.00	10.00	337.17	3371.70	0.00	0.00	0.00	3371.70	0.00		
10	Lower Housing	No.	10.00	589.00	5890.00	10.00	550.13	5501.30	10.00	10.00	550.13	5501.30	0.00	0.00	0.00	5501.30	0.00		
11	Guide vane	No.	75.00	212.00	15900.00	75.00	198.01	14850.75	75.00	75.00	198.01	14850.75	0.00	0.00	0.00	14850.75	0.00		
12	Impeller Shell (moulded with aluminium and Bronze)	No	20.00	288.00	5760.00	20.00	268.99	5379.80	20.00	20.00	268.99	5379.80	0.00	0.00	0.00	5379.80	0.00		
13	Discharge outlet (D.0) Bearing D.0 Steel Bush	No	20.00	571.00	11420.00	20.00	533.31	10666.20	20.00	20.00	533.31	10666.20	0.00	0.00	0.00	10666.20	0.00		
14	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	No.	20.00	721.00	14420.00	20.00	673.41	13468.20	20.00	20.00	673.41	13468.20	0.00	0.00	0.00	13468.20	0.00		
15	Pump Couping (Stainless Steel)	No	20.00	373.00	7460.00	20.00	348.38	6967.60	20.00	20.00	348.38	6967.60	0.00	0.00	0.00	6967.60	0.00		
16	Stud and Nuts	Each	45.00	96.00	4320.00	45.00	89.66	4034.70	45.00	45.00	89.66	4034.70	0.00	0.00	0.00	4034.70	0.00		
17	Motor Base With Pin	Each	20.00	445.00	8900.00	20.00	415.03	8300.60	20.00	20.00	415.03	8300.60	0.00	0.00	0.00	8300.60	0.00		
18	Starter with up to 4 to 5 HP (with one year Guarantee)	No.	10.00	6,485.00	64850.00	10.00	6,056.90	60569.00	10.00	10.00	6056.90	60569.00	0.00	0.00	0.00	60569.00	0.00		
19	Rotor with 4 to 5 H P (with one year Guarantee)	No	10.00	4,804.00	48040.00	10.00	4,466.94	44669.40	10.00	10.00	4466.94	44669.40	0.00	0.00	0.00	44669.40	0.00		
20	Carbon Housing	No	20.00	445.00	8900.00	20.00	415.63	8312.60	20.00	20.00	415.63	8312.60	0.00	0.00	0.00	8312.60	0.00		
21	Thrust bearing block assembly complete with Segment bearing pad.	No	20.00	601.00	12020.00	20.00	561.33	11226.60	20.00	20.00	561.33	11226.60	0.00	0.00	0.00	11226.60	0.00		
22	Oil Seal	No	20.00	132.00	2640.00	20.00	123.29	2465.80	20.00	20.00	123.29	2465.80	0.00	0.00	0.00	2465.80	0.00		
23	Oil Seal Steel Bush	No	20.00	145.00	2900.00	20.00	135.43	2708.60	20.00	20.00	135.43	2708.60	0.00	0.00	0.00	2708.60	0.00		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 & 2019-20+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
24	D.O Bearing	No.	30.00	571.00	17130.00	30.00	533.31	15999.30	30.00	30.00	533.31	15999.30	0.00	0.00	0.00	15999.30	0.00		
25	Steel Bush	No	80.00	192.00	15360.00	80.00	179.33	14346.40	80.00	80.00	179.33	14346.40	0.00	0.00	0.00	14346.40	0.00		
26	Allen Screw	No.	35.00	84.00	2940.00	35.00	78.40	2744.00	35.00	35.00	78.40	2744.00	0.00	0.00	0.00	2744.00	0.00		
27	Pump Key (Stainless Steel)	No	15.00	132.00	1980.00	15.00	123.20	1848.00	15.00	15.00	123.20	1848.00	0.00	0.00	0.00	1848.00	0.00		
28	Non - return valve (NRV) assembly complete with rubber '0' Ring ,	No.	15.00	625.00	9375.00	15.00	583.76	8756.40	15.00	15.00	583.76	8756.40	0.00	0.00	0.00	8756.40	0.00		
29	Cable Guard	No.	20.00	181.00	3620.00	20.00	169.05	3381.00	20.00	20.00	169.05	3381.00	0.00	0.00	0.00	3381.00	0.00		
30	Strainer	No	20.00	212.00	4240.00	20.00	196.01	3920.20	20.00	20.00	196.01	3920.20	0.00	0.00	0.00	3920.20	0.00		
31	Brass Filter	No.	20.00	132.00	2640.00	20.00	123.29	2465.80	20.00	20.00	123.29	2465.80	0.00	0.00	0.00	2465.80	0.00		
32	Labour Chargesw (Over Hauling Only)	No .	20.00	600.00	12000.00	20.00	560.40	11208.00	20.00	20.00	560.40	11208.00	0.00	0.00	0.00	11208.00	0.00		
33	Re-erection charges of pumping machineries including overhauling and pointing	Each	20.00	1,202.00	24040.00	20.00	1,122.67	22453.40	20.00	20.00	1122.67	22453.40	0.00	0.00	0.00	22453.40	0.00		
34	Lock Ring	Each	15.00	96.00	1440.00	15.00	89.66	1344.90	15.00	15.00	89.66	1344.90	0.00	0.00	0.00	1344.90	0.00		
35	a) Carbon Housing	Each	15.00	445.00	6675.00	15.00	415.63	6234.45	15.00	15.00	415.63	6234.45	0.00	0.00	0.00	6234.45	0.00		
36	Top Carbon/Ferrodo padding	Each	15.00	1,922.00	28830.00	15.00	1,795.15	26927.25	15.00	15.00	1795.15	26927.25	0.00	0.00	0.00	26927.25	0.00		
37	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush	Each	20.00	445.00	8900.00	20.00	415.63	8312.60	20.00	20.00	415.63	8312.60	0.00	0.00	0.00	8312.60	0.00		
38	Circillps	Each	20.00	55.00	1100.00	20.00	51.37	1027.40	20.00	20.00	51.37	1027.40	0.00	0.00	0.00	1027.40	0.00		
39	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low	Mtr	200.00	205.00	41000.00	200.00	191.47	38294.00	300.00	250.00	191.47	47867.50	50.00	191.47	9573.50	57441.00		19147.00	
40	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials	No's	20.00	1,355.00	27100.00	20.00	1265.57	25311.40	20.00	20.00	1265.57	25311.40	0.00	0.00	0.00	25311.40	0.00		
41	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No.	30.00	227.00	6810.00	30.00	212.02	6360.60	30.00	30.00	212.02	6360.60	0.00	0.00	0.00	6360.60	0.00		
42	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark 50mm Gate	No's	15.00	1,482.21	22233.15	15.00	1384.38	20765.70	15.00	15.00	1384.38	20765.70	0.00	0.00	0.00	20765.70	0.00		
43	Earthwork excavation for foundation of buildings, water supply, sanitary lines and 41'ectrical conduits either in pits or in trenches 1.5	Cum	50.63	354.97	17972.13	50.63	331.54	16785.87	113.06	63.28	331.54	20979.85	49.78	331.54	16504.06	37483.91		20698.04	
44	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including		150.00	504.56	75684.00	150.00	471.26	70689.00	335.00	187.50	471.26	88361.25	147.50	471.26	69510.85	157872.10		87183.10	
45	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after	Mtr	50.63	143.65	7273.00	50.63	134.17	6793.03	113.06	63.28	134.17	8490.28	49.78	134.17	6678.98	15169.26		8376.23	

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 & 2019-20+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
46	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of	Cum	5.00	2,064.54	10322.70	5.00	1928.28	9641.40	6.00	6.00	1928.28	11569.68	0.00	0.00	0.00	11569.68		1928.28	
	Total															805356.99		137332.66	
								EIRL											
E1	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or	Mtr							50.00				50.00	156.91	7845.50	7845.50		7845.50	
E2	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. **(6Sqmm to 16**	Mtr							50.00				50.00	12.43	621.50	621.50		621.50	
E3	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtr							40.00				40.00	79.50	3180.00	3180.00		3180.00	
E4	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary	Mtr							4.00				4.00	350.44	1401.76	1401.76		1401.76	
E5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete	No.							4.00				4.00	282.44	1129.76	1129.76		1129.76	
E6	GI Pipe 50 mm'B' class	m							212.00				212.00	434.12	92033.44	92033.44		92033.44	
E7	Heavy Duty Collar 50 mm dia	Nos							65				65.00	188.29	12238.85	12238.85		12238.85	
	Sub Total ,				989647.98											118450.81		118450.81	
	Third Party Inspection Charges @ 1%				9896.48														
	Miscelaneous and unforgen charges	LS			456.00														
	Total				1000000.00			924064.38				703089.60			110112.89	923807.80	256040.04	255783.47	
																		0.03	Below

SUMMARY:

1. Estimated Cost : Rs. 10.00 Lakhs
2. Tender Cost : Rs. 9.24 Lakhs
3. Work Slip Amount Rs. 1,37,332.66 = 14.86 % of the Tender Amount
4. EIRL Amount Rs. 1,18,450.81 = 12.82 % of the Tender Amount
4. During execution as per requirement and site condition, the total Qty to be executed costs Rs. 9.24 Lakhs which is 0.03% BELOW the Tender cost. The proposal may kindly be approved.

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92